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Electrolux

user manual

Dishwasher

ESI 47020

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Safety information

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

Correct use

- This dishwasher is only intended for washing household utensils suitable for machine washing.
- Do not put any solvents in the dishwasher. This could cause an explosion.
- Knives and other items with sharp points must be loaded in the cutlery basket with their points down or placed in a horizontal position in the upper basket.
- Only use products (detergent, salt and rinse aid) suitable for dishwashers.
- Avoid opening the door whilst the appliance is in operation, hot steam may escape.
- Do not take any dishes out of the dishwasher before the end of the washing cycle.
- After use, isolate the appliance from the power supply and turn off the water supply.
- This product should be serviced only by an authorized service engineer, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons could cause injury or serious malfunctioning. Contact your local Service Force Centre. Always insist on genuine spare parts.

General safety

- Persons (including children) with reduced physical sensory, mental capabilities or lack of experience and knowledge must not use the appliance. They must have supervision or instruction for the operation of the appliance by a person responsible for their safety.
- Dishwasher detergents can cause chemical burns to eyes, mouth and throat. Could endanger life! Comply with the safety instructions of the dishwasher detergent manufacturer.

- Water in the dishwasher is not for drinking purposes. Detergent residue may still be present in your machine.
- Ensure that the door of the dishwasher is always closed when it is not being loaded or unloaded. In this way you will avoid anybody tripping over the open door and hurting themselves.
- Do not sit or stand on the open door.

Child safety

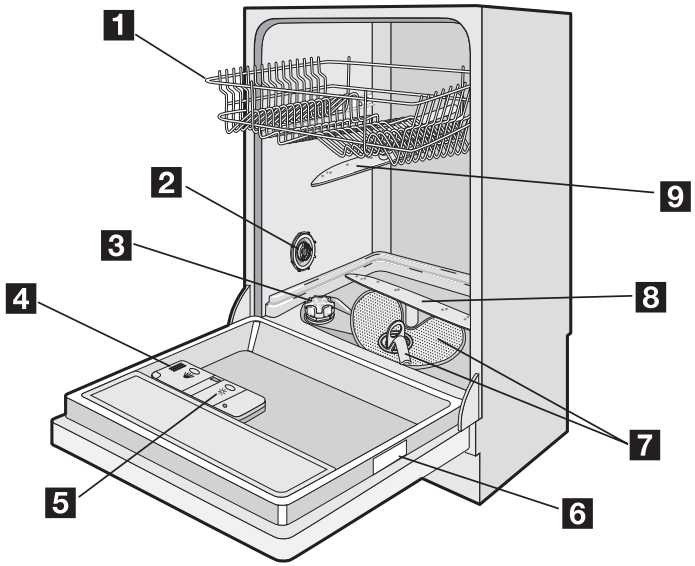
- This appliance is designed to be operated by adults. Children must be supervised to ensure that they do not play with the appliance.
- Keep all packaging well away from children. There is a risk of suffocation.
- Keep all detergents in a safe place out of children's reach.
- Keep children well away from the dishwasher when the door is open.

Installation

- Check your dishwasher for any transport damage. Never connect a damaged machine. If your dishwasher is damaged contact your supplier.
- All packaging must be removed before use.
- Any electrical and plumbing work required to install this appliance must be carried out by a qualified and competent person.
- For safety reasons it is dangerous to alter the specifications or attempt to modify this product in any way.
- Never use the dishwasher if the electrical supply cable and water hoses are damaged; or if the control panel, work top or plinth area are damaged such that the inside of the appliance is freely accessible. Contact your local Service Force centre, in order to avoid hazard.
- All sides of the dishwasher must never be drilled to prevent damage to hydraulic and electric components.

⚠ **Warning! For electrical and water connection carefully follow the instructions given in the specific paragraphs.**

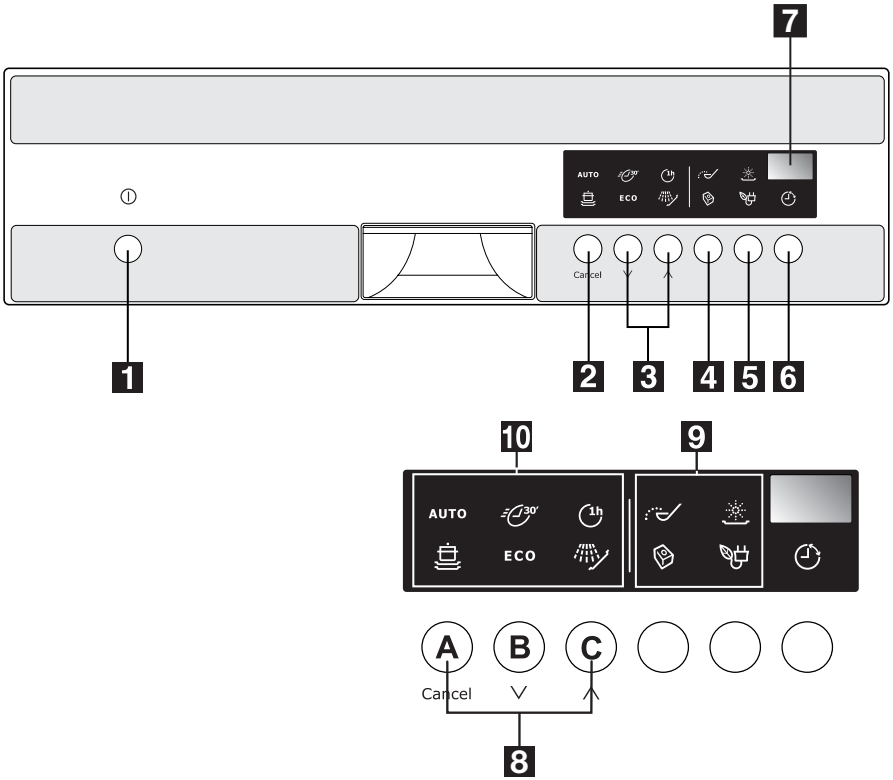
Product description



1 Upper basket
2 Water hardness dial
3 Salt container
4 Detergent dispenser
5 Rinse aid dispenser
6 Rating plate
7 Filters
8 Lower spray arm
9 Upper spray arm

This dishwasher has an internal light that turns on when the door opens and off when it closes.
Internal light equipped with led lamp CLASS 1 in accordance with EN 60825-1: 1994 + A1:2002 + A2:2001.
In case this light has to be replaced please contact your local Service Force Centre.

Control panel



1 On/off button
2 Cancel button (Cancel)
3 Programme selection buttons
4 Multitab button
5 Save energy button
6 Delay start button
7 Digital display
8 Function buttons
9 Indicator lights
10 Programme indicator lights

Indicator lights	
	Comes on when the multitab function is set.
	Comes on when the save energy function is set.
1)	Comes on when the rinse aid has run out.

Indicator lights	
1)	Comes on when the special salt has run out.

1) The salt and rinse aid indicator lights never come on while a washing programme is running even if filling with salt and/or rinse aid is necessary.

The digital display

The digital display indicates:
- the level of hardness to which the water softener is set,
- the approximate remaining time of the running programme,
- activation/deactivation of the rinse aid dispenser (**ONLY** with multitab function active),
- the end of a washing programme (a zero will appear in the digital display),
- the countdown for the delay start,
- fault codes concerning malfunction of the dishwasher.

Cancel button

With this button you can cancel a washing programme or a delay start in progress.

Programme selection buttons

Press one of these buttons until the programme indicator light of the desired programme comes on.

Multitab button

Set this function when you use combi detergent tablets (3 in 1, 4 in 1, 5 in 1, etc.). Refer to 'Multitab function' chapter.

Save energy button

This function decreases the temperature in the drying phase. Energy saving is between 10% and 25%.

Dishes can be wet at the end of the programme. In this condition we recommend, to open the dishwasher door and keep it ajar and let dishes dry naturally.

This function can be set with all washing programmes. The related indicator light comes on when you press the button.

The save energy function has no effect on some programmes. Refer to 'Washing programmes' for the list of programmes where save energy has or not effect.

Delay start button

You can delay the start of the programme for between 1 and 19 hours.
Refer to 'Select and start a washing programme' chapter for the set of this function.

Function buttons (A, B and C)

The following functions can be set using these buttons:
- adjustment of the water softener level,
- activation/deactivation of the rinse aid dispenser when multitab function is active.

Setting mode

The appliance must be in setting mode when you:
- select a washing programme,
- adjust the water softener level,
- activate/deactivate the rinse aid dispenser.

Switch on the appliance.
– All programme indicator lights come on, the appliance is in setting mode.

Switch on the appliance.
– Only one programme indicator light comes on, the last selected programme is still set. In this case, to go back to the setting mode, you must cancel the programme.
– Simultaneously press and hold the cancel button until all the programme indicator lights come on. The programme has been cancelled and the appliance is now in setting mode.

First use

Before using your dishwasher for the first time:
- Ensure that the electrical and water connections comply with the installation instructions
- Remove all packaging from inside the appliance
- Set the water softener level
- Pour 1 litre of water into the salt container and then fill with dishwasher salt

- Fill the rinse aid dispenser

If you want to use combi detergent tablets such as: '3 in 1', '4 in 1', '5 in 1' etc. set the multitab function. (Refer to 'Multitab function').

Set the water softener

The dishwasher is equipped with a water softener designed to remove minerals and salts from the water supply, which would have a detrimental or adverse effect on the operation of the appliance.
The higher the content of these minerals and salts, the harder your water is. Water hardness is measured in equivalent scales, German degrees (dH°), French degrees (°TH) and mmol/l (millimol per litre - international unit for the hardness of water).

The softener should be adjusted according to the hardness of the water in your area. Your local Water Authority can advise you on the hardness of the water in your area.

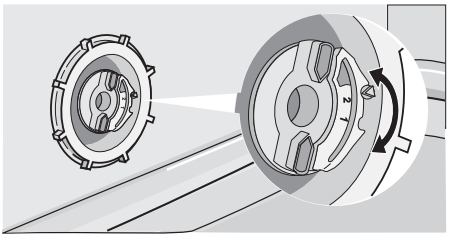
The water softener must be set in two ways: manually, using the water hardness dial and electronically.

Water hardness			Adjusting the water hardness setting		Use of salt
°dH	°TH	mmol/l	manually	electronically	
51 - 70	91 - 125	9,1 - 12,5	2	level 10	yes
43 - 50	76 - 90	7,6 - 9,0	2	level 9	yes
37 - 42	65 - 75	6,5 - 7,5	2	level 8	yes
29 - 36	51 - 64	5,1 - 6,4	2	level 7	yes
23 - 28	40 - 50	4,0 - 5,0	2	level 6	yes
19 - 22	33 - 39	3,3 - 3,9	2	level 5	yes
15 - 18	26 - 32	2,6 - 3,2	1	level 4	yes
11 - 14	19 - 25	1,9 - 2,5	1	level 3	yes
4 - 10	7 - 18	0,7 - 1,8	1	level 2	yes
< 4	< 7	< 0,7	1	level 1	no

Setting manually

The dishwasher is factory set at position 2.

1. Open the dishwasher door.
2. Remove the lower basket from the dishwasher.
3. Turn the water hardness dial to position 1 or 2 (see chart).
4. Replace the lower basket.



Setting electronically

The appliance is factory set at level 5.

1. Switch on the appliance. It must be in setting mode.
2. Press and hold, at the same time, the function buttons B and C. The programme indicator lights above function buttons A, B and C start flashing.
3. Press function button A, the programme indicator lights above the function buttons B and C go off. The programme indicator light above function button A continues to flash. The digital display shows the current level.
   Examples:
   Digital display shows 5L = level 5
   Digital display shows 10L = level 10
4. To change the level, press function button A. Each time the button is pressed the

level changes. (For the selection of the new level refer to the chart).
Examples:
If the current level is 5, press function button A once and level 6 is selected.
if the current level is 10, press function button A once and level 1 is selected.

5. To memorize the operation, switch off the appliance.

Use of dishwasher salt

Warning!

Only use salt specifically designed for use in dishwashers. All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener. Only fill with salt just before starting one of the complete washing programmes. This will prevent any grains of salt or salty water, which may have been spilt, remaining on the bottom of the machine for any period of time, which may cause corrosion.

To fill:

1. Open the door, remove the lower basket and unscrew the cap of the salt container by turning it anticlockwise.
2. Pour 1 litre of water into the container **(this is necessary only before filling with salt for the first time)** .
3. Using the funnel provided, pour in the salt until the container is full.

4. Replace the cap making sure that there is no trace of salt on the screw thread or on the gasket.
5. Replace the cap tightly turning it clockwise until it stops with a click.

Do not worry if water overflows from the unit when filling with salt, this is quite normal.

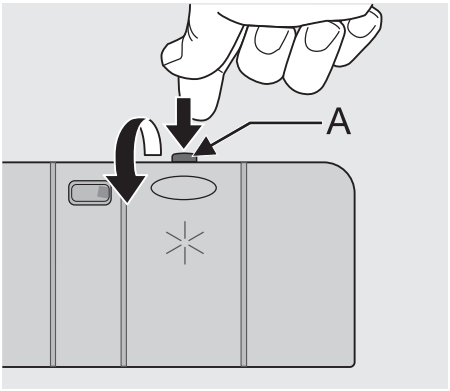
The salt indicator light on the control panel can remain illuminated for 2-6 hours after the salt has been replenished, assuming the dishwasher remains switched on. If you are using salt that takes longer to dissolve then this can take longer. The operation of the machine is not affected.

Use of rinse aid

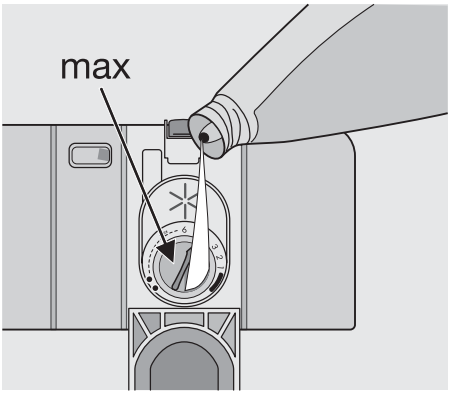
Warning! Only use branded rinse aid for dishwashers.
Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent). This would damage the appliance.

Rinse aid ensures thorough rinsing, and spot and streak free drying.
Rinse aid is automatically added during the last rinse.

1. Open the container by pressing the release button (A).



2. Add the rinse aid in the container. The maximum level for filling is indicated by "max".

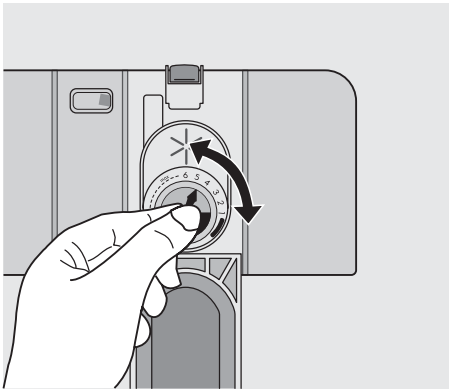


The dispenser holds about 110 ml of rinse aid, which is sufficient for between 16 and 40 washing cycles, depending upon the dosage setting.

3. Ensure that the lid is closed after every refill.

Clean up any rinse aid spilt during filling with an absorbent cloth to avoid excess foaming during the next wash.

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (position 1 minimum dosage, position 6 maximum dosage).
The dose is factory set in position 4.
Increase the dose if there are drops of water or lime spots on the dishes after washing.
Reduce it if there are sticky whitish streaks on the dishes or a bluish film on glassware or knife blades.



Daily use

- Check if it's necessary to refill with dishwasher salt or rinse aid.
- Load cutlery and dishes into the dishwasher.
- Fill with dishwasher detergent.
- Select a wash programme suitable for the cutlery and dishes.
- Start the wash programme.

Helpful hints and tips

Sponges, household cloths and any object that can absorb water may not be washed in the dishwasher.

- Before loading the dishes, you should:
  - Remove all left over food and debris.
  - Soften remnants of burnt food in pans
- When loading the dishes and cutlery, please note:
  - Dishes and cutlery must not impede the rotation of the spray arms.
  - Load hollow items such as cups, glasses, pans, etc. with the opening downwards so that water cannot collect in the container or a deep base.
  - Dishes and items of cutlery must not lie inside one another, or cover each other.
  - To avoid damage to glasses, they must not touch.
  - Lay small objects in the cutlery basket.

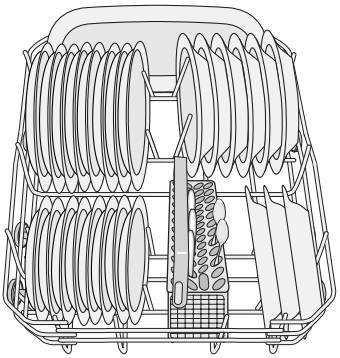
- Plastic items and pans with non stick coatings have a tendency to retain water drops; these items will not dry as well as porcelain and steel items.
- Light items (plastic bowls etc.) must be loaded in the upper basket and arranged so they do not move.

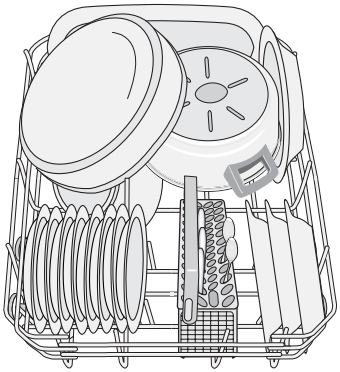
For washing in the dishwasher the following cutlery and dishes	
are not suitable:	**are of limited suitability:**
• Cutlery with wooden, horn, china or mother-of-pearls handles. • Plastic items that are not heat resistant. • Older cutlery with glued parts that are not temperature resistant. • Bonded cutlery items or dishes. • Pewter or copper items. • Lead crystal glass. • Steel items prone to rusting. • Wooden platters. • Items made from synthetics fibres.	• Only wash stoneware in the dishwasher if it is specially marked as being dishwasher-safe by the manufacturer. • Glazed patterns may fade if machine washed frequently. • Silver and aluminium parts have a tendency to discolour during washing: Residues, e.g. egg white, egg yolk and mustard often cause discolouring and staining on silver. Therefore always clean left-overs from silver immediately, if it is not to be washed straight after use.

Load cutlery and dishes

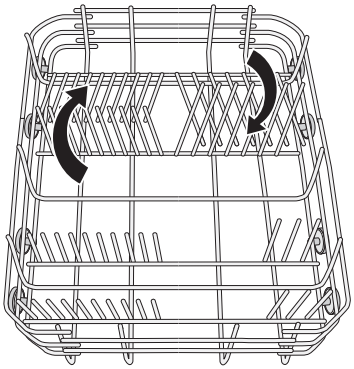
The lower basket

The lower basket is designed to take saucepan, lids, plates, salad bowls, cutlery ect. Service dishes and large lids should be arranged around the edge of the basket, ensuring that the spray arms can turn freely.





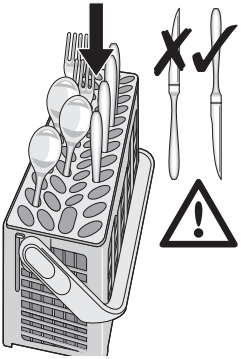
The rows of prongs in the lower basket can lie flat to allow you to load pots, pans and bowls.



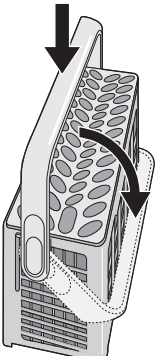
The cutlery basket

⚠ Long bladed knives stored in an upright position are a potential hazard. Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket. Take care when loading or unloading sharp items such as knives.

Forks and spoons should be placed in the removable cutlery basket with the handles facing downwards and the knives with their handles facing upwards.

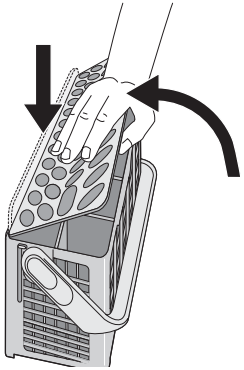


If the handles protrude from the bottom of the basket, obstructing the lower spray arm, load the cutlery with the handles facing upwards. Mix spoons with other cutlery to prevent them from sticking together.
To make loading of the cutlery basket easier, lower the cutlery basket handle.



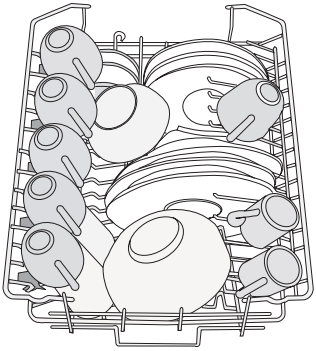
For best results we recommend that you use the cutlery grid.

If the size and dimensions of the cutlery do not allow the use of the grid, it can be easily hidden.

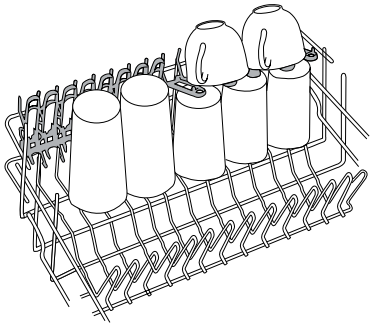


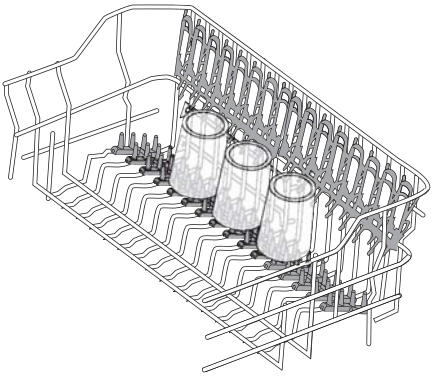
The upper basket

The upper basket is designed for plates (dessert plates, saucers, dinner plates of up to 24 cm in diameter), salad bowls, cups and glasses
Arrange items on and underneath the cup racks so that water can reach all surfaces.



Glasses with long stems can be placed upside down in the cup racks.
For taller items, the cup racks can be folded upwards.



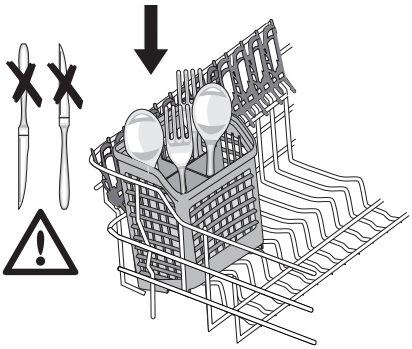


Mini cutlery basket

The upper basket is supplied with a mini cutlery basket.

⚠ **Caution!** NEVER PUT KNIVES IN THE MINI CUTLERY BASKET. THIS WILL PREVENT DAMAGE TO THE APPLIANCE.

Place the mini cutlery basket in the front part of the upper basket, only on the left-hand side.



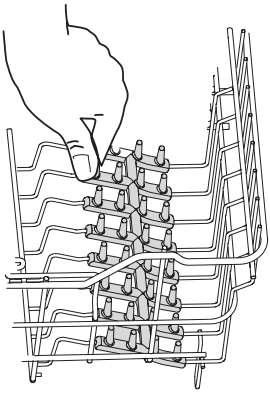
The dimensions of the cutlery depend on the position of the upper basket. Refer to the following table.

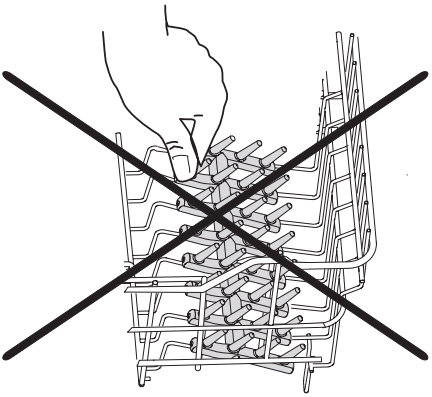
Cutlery dimensions for mini cutlery basket	
Upper basket in higher position	maximum 15 cm
Upper basket in lower position	maximum 20 cm

Soft spikes

Soft spikes impede glassware to move during the washing cycle or when the upper basket is moved.

Refer to the figures for a correct positioning of the soft spikes. They can only be positioned on right-hand side of the basket. Once positioned correctly, press them down firmly and make sure they do not move.





⚠ **Caution!** BEFORE CLOSING THE DOOR, MAKE SURE THAT THE SPRAY ARMS CAN ROTATE FREELY.

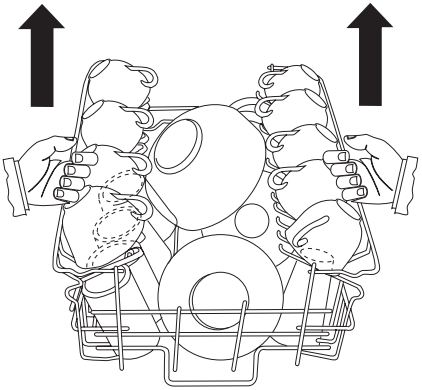
Adjusting the height of the upper basket

If washing very large plates you can load them in the lower basket after moving the upper basket to the higher position.

Maximum height of the dishes in:		
	the upper basket	the lower basket
With upper basket raised	20 cm	31 cm
With upper basket lowered	24 cm	27 cm

To move to the higher position proceed as follows:

1. Pull out the basket until it stops.
2. Carefully lift both sides upwards until the mechanism is engaged and the basket is stable.



To lower the basket to the original position proceed as follows:

1. Pull out the basket until it stops.
2. Carefully lift both sides upwards and then allow the mechanism to drop back down slowly, keeping hold of it.

ⓘ Never lift or lower the basket on one side only
When the basket is in the higher position cups cannot be placed on the cup racks.

⚠ **After loading your machine always close the door, as an open door can be a hazard.**

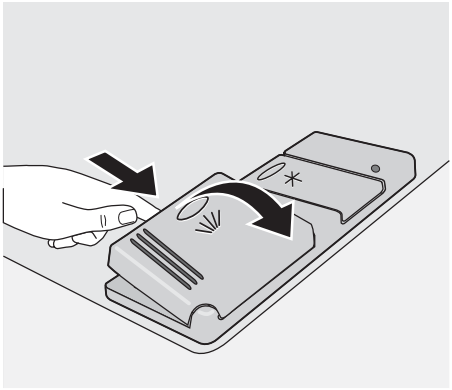
Use of detergent

ⓘ Only use detergents specifically designed for use in dishwashers.
Please observe the manufacturer's dosing and storage recommendations as stated on the detergent packaging.

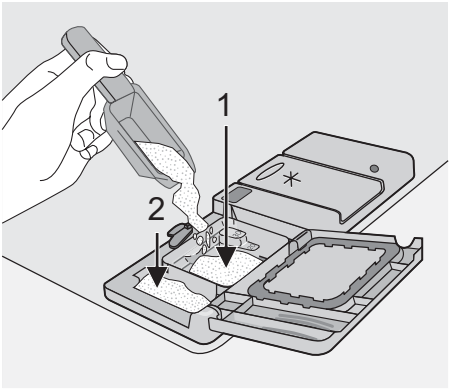
Using no more than the correct amount of detergent contributes to reducing pollution.

Fill with detergent

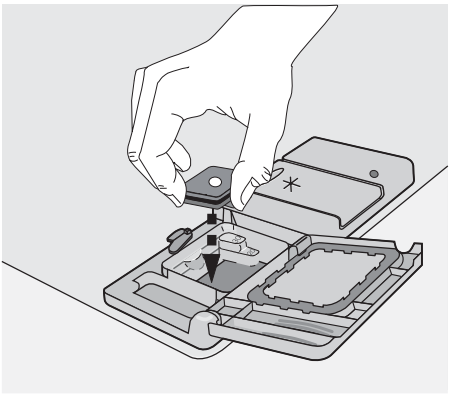
1. Open the lid.



2. Fill the detergent dispenser (1) with detergent. The marking indicates the dosing levels:
   20 = approximately 20 g of detergent
   30 = approximately 30 g of detergent.



3. All programmes with prewash need an additional detergent dose (5/10 g) that must be placed in the prewash detergent chamber (2).
   This detergent will be used during the prewash phase.
   When using detergent tablets; place the tablet in compartment (1)



4. Close the lid and press until it locks in place.

ⓘ Detergent tablets from different manufacturers dissolve at different rates. For this reason, some detergent tablets do not attain their full cleaning power during short washing programmes. Therefore, please use long washing programmes when using detergent tablets, to ensure the complete removal of detergent residuals.

Multitab function

This appliance is equipped with the multitab function, that allows the use of the multitab combi detergent tablets.
These products are detergents with a combined cleaning, rinsing and salt functions. They can also contain other different agents depending on which kind of tablets you choose ('3 in 1', '4 in 1', '5 in 1' etc.).
Check whether these detergents are suitable for your water hardness. See the manufacturers instructions.
Once this function is selected it will remain active for all following wash programmes.
With the selection of this function the inflow of rinse aid and salt from each respective supply container is automatically deactivated and also the indicator lights for salt and rinse aid are deactivated.
When using the multitab function, the cycle duration may change.

ⓘ Activate/deactivate the multitab function before the start of a washing programme.
Once the programme is running, the multitab function can **NO** longer be changed. If you want to cancel the multitab function you have to cancel the programme setting and then deactivate the multitab function. In this case you have to set a washing programme (and desired options) again.

Activation/deactivation of the Multitab function

To activate the Multitab function, press the Multitab button. Corresponding indicator light comes on.
To deactivate the function press the Multitab button again. Corresponding indicator light goes off.

If the drying results are not satisfactory we suggest that you:

1. Fill up the rinse aid dispenser with rinse aid.
2. Activate the rinse aid dispenser.
3. Set the rinse aid dosage to position 2.

- The activation/deactivation of the rinse aid is only possible with the Multitab function active.

Activation/deactivation of the rinse aid dispenser

1. Switch on the appliance. It must be in setting mode.
2. Press and hold, at the same time, the function buttons B and C. The programme indicator lights above function buttons A, B and C start flashing
3. Press function button B, the programme indicator lights above function buttons A and C go off. The programme indicator light above function button B continues to flash. The digital display shows the current setting.

0d	Rinse aid dispenser deactivated
1d	Rinse aid dispenser activated

4. To change the setting, press button B again. The digital display shows the new setting.
5. To memorize the operation, switch off the appliance.

If you decide to revert back to the use of individual detergents we advise that you:

1. Deactivate the Multitab function.
2. Fill up the salt container and the rinse aid dispenser again.
3. Adjust the water hardness setting to the highest setting and perform 1 normal washing programme without loading any dishes.
4. Adjust the water hardness setting according to the hardness of the water in your area.
5. Adjust the rinse aid dosage.

Select and start a washing programme

Important! Set the options before the start of a washing programme. When a washing programme operates, no options can be set. If it is necessary to set an option, cancel the washing programme.

Select the washing programme and delay start with the door slightly opened. The start of the programme or the countdown of the delay start will occur only after the closure of the door. Until then it is possible to modify the settings

1. Check that the baskets have been loaded correctly and that the spray arms are free to rotate.
2. Check that the water tap is opened.
3. Press the on/off button. The appliance must be in setting mode.
4. Select a washing programme (see 'Washing programmes' chart).
   When a programme has been selected the corresponding light comes on.
   Close the appliance door, the programme starts automatically.

Setting and starting the programme with delay start

1. After having selected the washing programme, press the delay start button until the flashing number of hours for the delay start appear in the digital display.
   – The delay start indicator light comes on.
2. Close the appliance door, the countdown starts automatically. The number in the display is no longer flashing but fixed with static light.
3. The countdown will decrease with steps of 1 hour.
4. The opening of the door will interrupt the countdown. Close the door; the countdown will continue from the point at which it was interrupted.
5. Once the delay start has elapsed the programme will start automatically.
   – The delay start indicator light goes off.

The selection of the washing programme and delay start can occur also with the door closed.

When you press a programme button you have **ONLY 3 seconds** to select a different programme or a delay start. After these 3 seconds, the selected programme starts automatically.

Warning! Interrupt or cancel a washing programme in progress ONLY if it's absolutely necessary. Attention! Hot steam may escape when the door is opened. Open the door carefully.

Interrupt a washing programme in progress

- Open the dishwasher door; the programme will stop. Close the door; the programme will start from the point at which it was interrupted.
- Press the On/Off, all indicator lights will go off. Press the On/Off button again; the programme will start from the point at which it was interrupted.

Cancel a delay start or a washing programme in progress

- Press and hold the cancel button, until all the programme indicator lights come on.
- If you cancel a delay start also the washing programme and options (except Multitab) will be cancelled. Select the washing programme again.
- If a new washing programme is to be selected, check that there is detergent in the detergent dispenser.

End of the washing programme

- The appliance stops automatically.
- The light of the programme just ended remains on.
- Zero appears in the digital display.

1. Switch off the appliance.
2. Open the appliance door, leave it ajar and wait a few minutes before removing the dishes. This way they will be cooler and the drying will be improved.

If the save energy function is set, dishes can be wet at the end of the programme. We recommend to leave the appliance door ajar so that dishes can dry naturally.

Standby mode

If you do not switch off the appliance at the end of the washing programme, the appliance automatically goes into standby mode. The standby mode decreases energy consumption.

Three minutes after the end of the programme, all indicator lights go off and the digital display shows one horizontal bar. Press one of the buttons (not the on/off button), to go back to end-of-programme mode.

Unloading the dishwasher

- Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down before removing from the appliance.
- Empty the lower basket first and then the upper one; this will avoid water dripping from the upper basket onto the dishes in the lower one.
- Water may appear on the sides and the door of the dishwasher as the stainless steel will eventually become cooler than the dishes.

When the washing programme has finished, it is recommended that the dishwasher is unplugged and the water tap turned off.

Washing programmes

Washing programmes

Programme	Degree of soil	Type of load	Programme description
AUTO 1)	Any	Crockery, cutlery, pots and pans	Prewash Main wash up to 45°C or 70°C 1 or 2 intermediate rinses Final rinse Drying
	Heavy soil	Crockery, cutlery, pots and pans	Prewash Main wash up to 70°C 2 intermediate rinses Final rinse Drying
30' 2)	Normal or light soil	Crockery and cutlery	Main wash up to 60°C Final rinse
ECO 3)	Normal soil	Crockery and cutlery	Prewash Main wash up to 50°C 1 intermediate rinse Final rinse Drying
1h	Light soil	Crockery and cutlery	Main wash up to 55°C 1 intermediate rinse Final rinse
	Any	Partial load (to be completed later in the day).	1 cold rinse (to avoid food scraps from sticking). This programme does not require the use of detergent.

1) During the Auto washing programme the level of soiling on the dishes is determined by how cloudy the water is. The programme duration, water and energy consumption levels can vary; this depends upon whether the appliance is fully or partially loaded and if the dishes are lightly or heavily soiled. The temperature of the water is automatically adjusted between 45°C and 70°C.
2) Ideal for washing a partially loaded dishwasher. This is the perfect daily programme, made to meet the needs of a family of 4 persons who only wish to load breakfast and dinner crockery and cutlery.
3) Test programme for test institutes. Please refer to separate leaflet supplied, for test data.

Consumption values

Programme	Duration (in minutes) 1)	Energy (in kWh)	Water (in litres)
AUTO	-	0,8 - 1,3	10 - 19
	-	1,6 - 1,8	19 - 21
30'	-	0,8	8
ECO	-	0,8 - 0,9	12 - 13
1h	-	0,8 - 0,9	10 - 11
	-	0,1	3,5

1) The digital display shows the programme duration.

The consumption values are intended as a guide and depend on the pressure and the temperature of the water and also by the variations of the power supply and the amount of dishes.

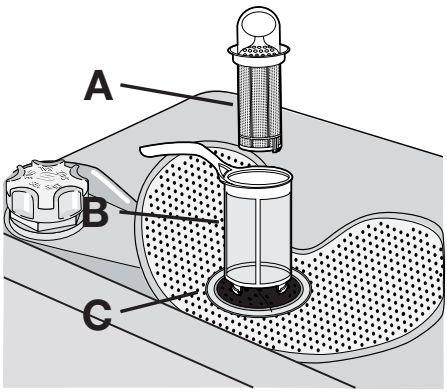
Care and cleaning

Cleaning the filters

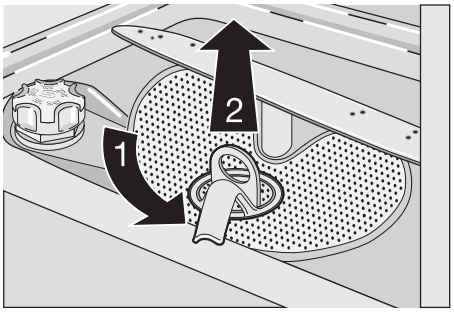
The filters must be checked and cleaned from time to time. Dirty filters will degrade the washing result.

⚠ **Warning!** Before cleaning the filters ensure that the machine is switched off.

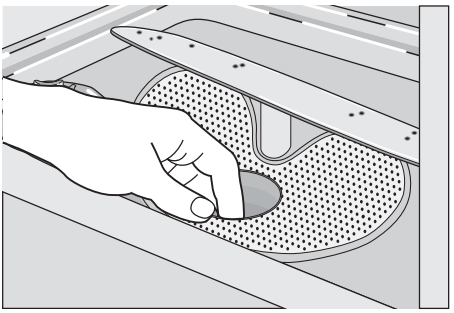
1. Open the door, remove the lower basket.
2. The dishwasher filter system comprises a coarse filter (A), a microfilter (B) and a flat filter (C).



3. Unlock the filter system using the handle on the microfilter. Turn the handle about 1/4 a turn anticlockwise and remove the filter system.



4. Take hold of the coarse filter (A) by the handle with the hole and remove from the microfilter (B).
5. Clean all filters thoroughly under running water.
6. Remove the flat filter (C) from the base of the washing compartment and clean both faces thoroughly.



7. Put the flat filter (C) back in the base of the washing compartment and ensure that it fits perfectly.
8. Place the coarse filter (A) in the microfilter (B) and press together.
9. Put the filter combination in place and lock by turning the handle clockwise to the stop. During this process ensure that the flat filter (C) does not protrude above the base of the washing compartment.

ⓘ **NEVER use the appliance without filters. Incorrect repositioning and fitting of the filters will produce poor washing results and will result in damage to the appliance.**

ⓘ **NEVER try to remove the spray arms.**
If residues of soil have clogged the holes in the spray arms, remove the debris with a cocktail stick.

External cleaning

Clean the external surfaces of the machine and control panel with a damp soft cloth. If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc...).

Internal cleaning

Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth.
We recommend every 3 months you run the wash programme for heavy soiled dishes using detergent but without dishes.

Prolonged periods of non-operation

If you are not using the machine for a prolonged period of time you are advised to:

1. Unplug the appliance and then turn off the water.
2. Leave the door ajar to prevent the formation of any unpleasant smells.
3. Leave the inside of the machine clean.

Frost precautions

Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable, empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine

If you have to move the machine (moving house etc...):

1. Unplug it.
2. Turn the water tap off.
3. Remove the water inlet and discharge hoses.
4. Pull the machine out together with the hoses.

Avoid over tilting the machine during transportation.

What to do if…

The appliance will not start or stops during operation.
Certain problems can be due to the lack of simple maintenance or oversights, which can be solved with the help of the hints described in the chart, without calling out an engineer.
Switch off the appliance and carry out the following suggested corrective actions.

Fault codes and malfunction	Possible cause and solution
• digital display shows **i10** **The appliance does not fill with water**	• The water tap is blocked or furred with limescale. Clean the water tap. • The water tap is turned off. Turn the water tap on. • The filter (where present) in the water inlet hose is blocked. Clean the filter in the water inlet hose. • The water inlet hose has not been correctly laid or it is kinked or squashed. Check the water inlet hose connection.
• digital display shows **i20** **The appliance does not drain**	• The sink spigot is blocked. Clean out the sink spigot. • The water drain hose has not been correctly laid or it is kinked or squashed. Check the water drain hose connection.
• digital display shows **i30** **Anti-flood device is activated**	• Close the water tap and contact your local Service Force Centre.
Malfunction	**Possible cause and solution**
The programme does not start	• The dishwasher door has not been properly closed. Close the door. • The main plug is not plugged in. Insert the main plug • The fuse has blown out in the household fuse box. Replace the fuse. • Delay start has been set. If dishes are to be washed immediately, cancel the delay start.

Once these checks have been carried out switch on the appliance.
The programme will continue from the point at which it was interrupted.

If the malfunction or fault code reappears contact your local Service Force Centre.
For other fault codes not described in the above chart, please contact your local Service Force Centre.

Contact your local Service Force Centre, quoting the model (Mod.), product number (PNC) and serial number (S.N.).
This information can be found on the rating plate located on the side of the dishwasher door.

So that you always have these numbers at hand, we recommend you to make a note of them here:
Mod. : . . . . . .
PNC : . . . . . .
S.N. : . . . . . .

The wash results are not satisfactory	
The dishes are not clean	• The wrong programme has been selected. • The dishes are arranged in such a way as to stop water reaching all parts of a surface. The baskets must not be overloaded. • The spray arms do not rotate freely due to incorrect arrangement of the load. • The filters in the base of the washing compartment are dirty or incorrectly positioned. • Too little or no detergent has been used. • Where there are limescales deposits on the dishes; the salt container is empty or incorrect level of the water softener has been set. • The drain hose connection is not correct. • The salt container cap is not properly closed.
The dishes are wet and dull	• Rinse aid was not used. • The rinse aid dispenser is empty.
There are streaks, milky spots or a bluish coating on glasses and dishes	• Decrease rinse aid dosage.
Water drops have dried onto glasses and dishes	• Increase rinse aid dosage. • The detergent may be the cause. Contact the detergent manufacturer consumer care line.

If after all these checks, the problem persists, contact your local Service Force Centre.

Technical data

Dimensions	Width cm	44,6
	Height cm	81,8 - 89,8
	Depth cm	57,5
Electrical connection - Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate on the inner edge of the dishwasher door.	
Water supply pressure	Minimum	0,05 MPa (0,5 bar)
	Maximum	0,8 MPa (8 bar)
Capacity	Place settings	9

Hints for test institutes

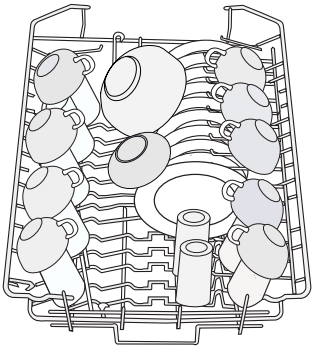
Testing in accordance with **EN 60704** must be carried out with appliance fully loaded and using the test programme (refer to 'Washing programmes').
Test in accordance with **EN 50242** must be carried out when the salt container and rinse aid dispenser have been filled with salt and rinse aid respectively and using the test programme (refer to 'Washing programmes').

Full load: 9 standard place settings	
Amount of detergent required:	5 g + 20 g (Type B)
Rinse aid setting	position 4 (Type III)

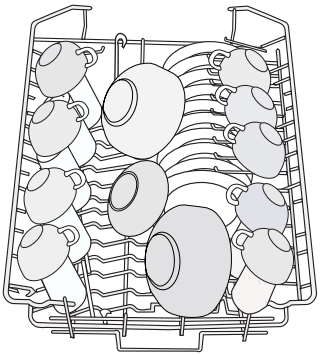
Testing MUST be carried out with:
- NO soft spikes
- NO mini cutlery basket.

REMOVE these items from the upper basket.

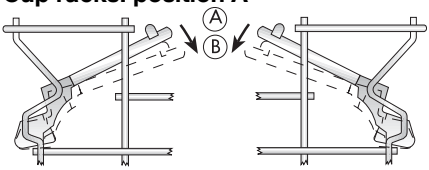
Arrangement upper basket without salad-bow



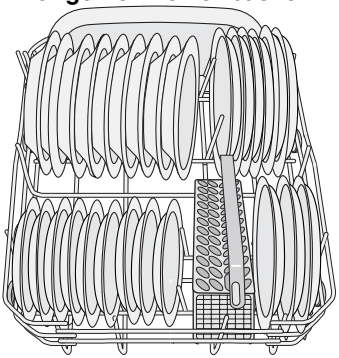
Arrangement upper basket with salad-bowl



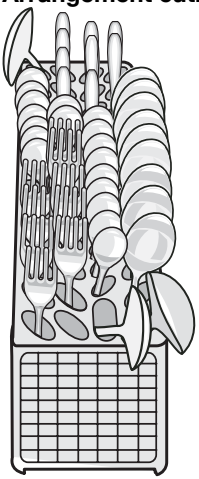
Cup racks: position A



Arrangement lower basket



Arrangement cutlery basket



Installation

⚠ **Warning! Any electrical and/or plumbing work required to install this appliance should be carried out by a qualified electrician and/or plumber or competent person.**

Remove all packaging before positioning the machine.
If possible, position the machine next to a water tap and a drain.
This dishwasher is designed to be fitted under a kitchen counter or work surface.
Attention! Carefully follow the instructions on the enclosed template for building in the dishwasher and fitting the furniture panel.
No further openings for the venting of the dishwasher are required, but only to let the water fill and drain hose and power supply cable pass through.
The dishwasher incorporates adjustable feet to allow the adjustment of the height.
During all operations that involve accessibility to internal components the dishwasher has to be unplugged.

When inserting the machine, ensure that the water inlet hose, the drain hose and the supply cable are not kinked or squashed.

Fixing to the adjacent units

The dishwasher must be secured against tilting.
Therefore make sure that the counter it is fixed under, is suitably secured to a fixed structure (adjacent kitchen unit cabinets, wall).

Levelling

Good levelling is essential for correct closure and sealing of the door.
When the appliance is correctly levelled, the door will not catch on either side of the cabinet .
If the door does not close correctly, loosen or tighten the adjustable feet until the machine is perfectly level.

Water connection

Water inlet connection

This appliance can be connected to either a hot (max. 60°) or cold water supply.
With a hot water supply you can have a significant reduction of energy consumption. This however, depends on how the hot water is produced. (We suggest alternative sources of energy that are more environmentally friendly as e.g. solar or photovoltaic panels and aeolian).
For making the connection itself, the coupling nut fitted to the appliance water inlet hose is designed to screw onto a 3/4" thread spout or to a purpose made quick-coupling tap such as the Press-block.
The water pressure must be within the limits given in the 'Technical data'. Your local Water Authority will advise you on the average mains pressure in your area.
The water inlet hose must not be kinked, crushed, or entangled when it is being connected.
The locknut must be correctly fitted to avoid water leaks.
If the appliance is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose.

ⓘ Do not use connection hoses which have previously been used on an old appliance.

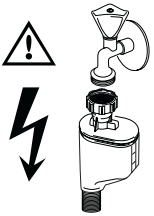
ⓘ This appliance has been fitted with safety features which will prevent the water used in the appliance from returning back into the drinking water system. This appliance complies with the applicable plumbing regulations.

Water inlet hose with safety valve

After connecting the double-walled water inlet hose, the safety valve is next to the tap. Therefore the water inlet hose is only under pressure while the water is running. If the water inlet hose starts to leak during this operation, the safety valve cuts off the running water.
Please take care when installing the water inlet hose:

- The electrical cable for the safety valve is in the double-walled water inlet hose. Do not immerse the water inlet hose or the safety valve in water.
- If water inlet hose or the safety valve is damaged, remove the mains plug immediately.
- A water inlet hose with safety valve must only be replaced by the Service Force Centre.

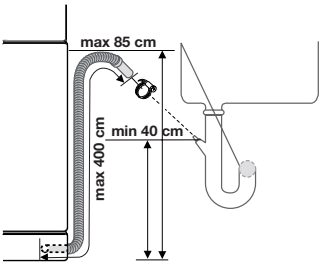
⚠ **Warning!** Dangerous voltage



Water drain connection

The end of the drain hose can be connected in the following ways:

1. To the sink outlet spigot, securing it to the underside of the work surface. This will prevent waste water from the sink running into the machine.
2. To a stand pipe provided with venthole, minimum internal diameter 4 cm.



The drain hose can face either to the right or left of the dishwasher

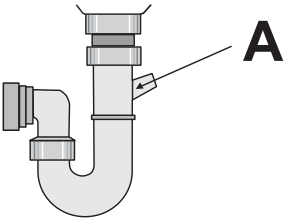
Ensure the drain hose is not bent or squashed as this could prevent or slow down the discharge of water.

The sink plug must not be in place when the machine is draining as this could cause the water to syphon back into the machine.

If you use a drain hose extension, its internal diameter must be no smaller than the diameter of the hose provided.

Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided.

When connecting the drain hose to an under sink trap spigot, **the entire plastic membrane (A) must be removed.** Failure to remove all the membrane will result in food particles building up over time eventually blocking the dishwasher drain hose spigot



ⓘ Our appliances are supplied with a security device to protect against the return of dirty water back into the machine. If the spigot of your sink has a "no return valve" incorporated this can prevent the correct draining of your dishwasher. We therefore advise you to remove it.

ⓘ To avoid water leakage after installation make sure that the water couplings are tight.

Electrical connection

⚠ **Warning! Safety standards require the appliance to be earthed.**
Prior to using the appliance for the first time, ensure that the rated voltage and type of supply on the rating plate match that of the supply where the appliance is to be installed. The fuse rating is also to be found on the rating plate.

Always plug the mains plug into a correctly installed shockproof socket.

Multi-way plugs, connectors and extension cables must not be used. This could constitute a fire hazard through overheating.

If necessary, have the domestic wiring system socket replaced. In case that the electrical cable has to be

replaced, contact your local Service Force centre.
The plug must be accessible after the appliance has been installed.
Never unplug the appliance by pulling on the cable. Always pull the plug.

The manufacturer accepts no liability for failure to observe the above safety precautions.

Environment concerns

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

Packaging material

The packaging materials are environmentally friendly and can be recycled. The plastic components are identified by markings, e.g. >PE<, >PS<, etc. Please dispose of the packaging materials in the appropriate container at the community waste disposal facilities.

⚠ **Warning!** When a unit is no longer being used:

- Pull the plug out of the socket.
- Cut off the cable and plug and dispose of them.
- Dispose of the door catch. This prevents children from trapping themselves inside and endangering their lives.

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